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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Krishan BALACHANDRAN et al.

Application No.: 09/632,215

Group:

2661

Filing Date:

August 3, 2000

Examiner: Robert W. Wilson

For:

METHODS

DEVICES AND

FOR

SCHEDULING

TRANSMISSIONS IN INTERFERENCE-LIMITED NETWORKS

Attorney Docket: 29250-000952/US

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 **Mail Stop Petition**

August 18, 2005

PETITION REQUESTING A REFUND OF THE TWO MONTH EXTENSION OF TIME FEE

Sir:

The following documentation and remarks are respectfully submitted in support of Applicants' request for a refund of the two-month extension of time fee submitted with the Request for Continued Examination and Amendment filed on July 8, 2005.

DOCUMENTATION

Attached hereto is a copy of: (1) the Final Office Action dated February 8, 2005 showing the incorrect address for the Applicants' attorney; (2) Applicants' response and payment of two-month extension of time fee; (3) copy of

March 11, 2004 Change of Address and stamped postcard; and (4) copy of January 26, 2005 Change of Address and stamped postcard.

REMARKS

Applicants submitted a Change of Address in a timely manner. The Office Action dated February 8, 2005 contained an incorrect address and caused Applicants to respond to the Office Action after the 3 month time period had elapsed. Therefore, the extension of time fee of \$450.00 paid by Applicants on July 8, 2005 should be credited to Applicants because the delay in responding to the Office Action was not caused by Applicants.

Favorable action on the present Request is respectfully requested.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitte

By:

John E. Curtin

Reg. No. 37,602

P.O. Box 8910

Reston, VA 20195 (703) 668-8000

JEC:psy

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office COMMISSIONER FOR PATENTS
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	FILING DATE	FIRST NAMED DIVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLICATION NO. 09/632,215	08/03/2000	Krishna Balachandran	Balachandren-17-9-50	1173
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LAW OFFICE

Please find below and/or attached an Office communication concerning this application or proceeding.



Office Action Summary Examiner Robert W Wilson 2661 — The MAILING DATE of this communication appears on the cover sheet with the correspondence address—eriod for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1,138(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply will thin be statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication to become ABANDONED (15 U.S.C. § 133). Any reply received by the Office later than three morths after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1,704(b). Status 1) Responsive to communication(s) filed on 12 November 2004. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the meritic closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-4,7,8,13-15,17-24 and 29-31 is/are pending in the application.	-		Application No.	Applicant(s)
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Art Unit: 2661

Page 2

DETAILED ACTION

The finality of the last Office action is withdrawn, and the amendment after final on July 28, 2004 has been entered. Claims 1-4, 7-8, 13-15, 17-24, & 29-31 are pending.

Specification

2.0 The abstract should be submitted on a separate page from the disclosure. Appropriate correction is required.

Claim Rejections - 35 USC § 112

- 3.0 The following is a quotation of the first paragraph of 35 U.S.C. 112:
 - The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.
- 4.0 Claims 1-4, 7-8, 13-15, 17-24, & 29-31 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim 13 recites a prioritization unit sending a test signal to terminal units and prioritizing each transmission test signal based on achievable rates. This feature is new matter because it is not supported be the original disclosure. According to the second paragraph on page 7 of the specification, a plurality of test signals are transmitted to terminal units, not just a test signal as claimed. In addition, the specification fails to teach how "achievable data rates" are determined by sending just a signal to prioritize the transmission. Claim 29 has the same problems.

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Claim Rejections - 35 USC § 112

5.0 The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-4, 7-8, 13-15, 17-24, & 29-31 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Referring to Claim 13, line 4, it is not clear to what test signal "each test signal" refers to because only one test signal is recited at line 3. In addition, the text in lines 3-6 is confusing because it is not clear how each signal is related to "achievable data rates." Claim 29 has the same problems.

Response to Amendment

Applicant's arguments with respect to claims 1-4, 7-8, 13-15, 17-24, & 29-31 have been considered but are most in view of the new ground(s) of rejection.

Conclusion

7.0 Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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Application/Control Number: 09/632,215

Art Unit: 2661

Page 4

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert W Wilson whose telephone number is 571/272-3075. The examiner can normally be reached on M-F (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau T. Nguyen can be reached on 571/272-3126. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

4 bent W. Wake

Robert W Wilson Examiner Art Unit 2661

RWW 1/27/05

> Chou To Afreyor CHAU NGUYEN

SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2600

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			Application Number	09/632,2	215
TRANS	SMITTAL		Filing Date	August :	3, 2000
§ F(FORM		Inventor(s)	Krishna	BALACHANDRAN et al.
(to be used for all corre	espondence after in	itial filing)	Group Art Unit	2661	
	•		Examiner Name	Robert \	W. Wilson
		T	Attorney Docket Number	29250-0	000952/US
		ENCL	OSURES (check all that apply)		
Fee Transmittal Fo	m		ment Papers Application)	Grou	•
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After Final		Petition		1 `	prietary Information
Affidavits/declaration(s)		Petition to Convert to a Provisional Application		State	us Letter
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Express Abandonr	Express Abandonment Request		☐ Terminal Disclaimer ☐ Request for Refund		Request for Continued Examination
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Certified Copy of F Document(s)	Priority	Rem	arks		
Response to Missi Incomplete Applic					
Response to Missi Parts under 37 CF 1.52 or 1.53					# # T
	SIGNA	TURE OF	APPLICANT, ATTORNEY,	OR AGEN	
Firm or Individual name	Hamess, Dickey &	R Pierce, P.I	Attorney Name John E. Curtin		Reg. No. 37,602
Signature		18	,		
Date	July 8, 2005				
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U.S. Patent and Under the Paperwork Reductic. __t of 1995, no persons are required to respond to a collection of Info.

	FEE TO ANOMITTAL		
6	FEE TRANSMITTAL	Application Number	Γ
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AUG 18 2005	City of the state	First Named Inventor	L
\ .	Effective 10/01/2004. Patent fees are subject to annual revision.	Examiner Name	L
The same	Applicant claims small entity status. See 37 CFR 1.27	Art Unit	
القرد الأراق	TOTAL AMOUNT OF PAYMENT (\$) 1240	Attorney Docket No.	Γ

	Complete if Known	
Application Number	09/632,215	
Filing Date	August 3, 2000	
First Named Inventor	Krishna BALACHANDRAN	
Examiner Name	Robert W. Wilson	
Art Unit	2661	· .
Attorney Docket No.	29250-000952/US	
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	ode (\$) Fee Paid	1401	500		250	Notice of Appeal	├ ─┤│
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SUBMITTED BY						Complete (il applicable)	
Name (Print/Type)	Registration No.		T				
	John E. Cuftin (Attorney/Agent)	•	37	,602	_	Telephone (703) 668-8000	
Signature					- 1	Date July 8, 2005	

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional) 29250-000952/US

	In re Application of Krishna BALA	CHANDRAN et a	l.
	Application Number 09/632,215		Filed August 3, 2000
	For METHODS AND DEVICES FINTERFERENCE-LIMITED NETW		G TRANSMISSIONS IN
•	Group Art Unit 2661	Examiner Robert W. Wilso	n
This is a request un	der the provisions of 37 CFR 1.136(a) to extend the pe	eriod for filing a
response in the abo	ve identified application.		·
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▼ Two	months (37 CFR 1.17(a)(2))		\$ <u>450.00</u>
☐ Three	e months (37 CFR 1.17(a)(3))		\$
☐ Four	months (37 CFR 1.17(a)(4))		\$
☐ Five	months (37 CFR 1.17(a)(5))		\$
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🛚 attorney	or agent of record.		
☐ attorney	or agent under 37 CFR 1.34(a).		
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July 8	3, 2005	///	
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		// John	E. Curtin, Reg. No. 37,602
			yped or printed name
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Total of forms	are submitted.		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ent Application

Inventors: Krishna BALACHANDRAN et al.

Docket No.: 29250-000952/US

Lucent Case No.: BALACHANDRAN 17-9-50

Application No.: 09/632,215 Group Art Unit: 2661

Filing Date: August 3, 2000

Title: METHODS AND DEVICES FOR SCHEDULING TRANSMISSIONS IN

INTERFERENCE-LIMITED NETWORKS

CHANGE OF ADDRESS -- THIRD NOTICE

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 July 8, 2005

Please change the correspondence address of the attorneys of record in the above-identified application to:

The new correspondence address is:

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 8910 Reston, VA 20195

The undersigned is empowered to sign this Change of Address on behalf of the Assignee.

By

Respectfully submitted,

Harness, Dickey-& Pierce, P.L.C

John E. Curtin, Reg. No. 37, 602

P.O. Box 8910 Reston, VA 20195 (703) 668-8000



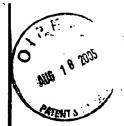
REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

Application Number	09/632,215
Filing Date	August 3, 2000
Examiner Name	Robert W. Wilson
First Named Inventor	Krishna BALACHANDRAN
Group Art Unit	2661
Attorney Docket Number	29250-000952/US

NOTE: 3 2000, applica (PTO/SB/29) i Application Ex	7 C.F.R. § 1.114 is effective on May 29, 2000. In may wish to consider filing a continued prose instead of a RCE to be eligible for the patent tel	7 C.F.R. § 1.114 of the above-identified application. If the above-identified application was filed prior to May 29, ecution application (CPA) under 37 C.F.R. § 1.53 (d) or adjustment provisions of the AIPA. See Changes to e, Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. practice.
a.	nendment/Reply idavit(s)/Declaration(s) commation Disclosure Statement (IDS) ther tipe: ti	entered). apply Brief previously filed on attion is requested under 37 C.F.R. § 1.103(c) for not exceed 3 months; Fee under 37 C.F.R. § 1.17(l) required) C.F.R. § 1.114 when the RCE is filed. wing fees, or credit any overpayments, to
	SIGNATURE OF APPLICANT, ATTO	ORNEY, OR AGENT REQUIRED
Name (Print /Type)	John E. Cartin	Registration No. (Attorney/Agent) 37,602
Signature		Date July 8, 2005
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Applicant:	Krishna BALACHAN	DRAN et al.	Case No.:	29250-000952/1	JS Ç I
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Applicant: Krishna BALACHANDRAN et al. Case No .: 29250-000952/US Serial No.: 09/632,215 Filing Date: August 3, 2000 Title: METHODS AND DEVICES FOR SCHEDULING TRANSMISSIONS IN INTERFERENCE-LIMITED NETWORKS

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By stamping and returning to Harness, Dickey & Pierce, P.L.C.

Due: 03/18/2004 Attorney:

JEC

FILED: 03/11/2004

SS ESSE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Enventors:

Krishna BALACHANDRAN et al.

Docket No.:

29250-000952/US

Lucent Case No.:

BALACHANDRAN 17-9-50

Application No.:

09/632,215

Group Art Unit:

2661

Filing Date:

August 3, 2000

Title:

METHODS AND DEVICES FOR SCHEDULING TRANSMISSIONS IN

INTERFERENCE-LIMITED NETWORKS

CHANGE OF ADDRESS

Assistant Commissioner for Patents

Washington, D.C. 20231

Date: March 11, 2004

Please change the correspondence address of the attorneys of record in the above-identified

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The new correspondence address is:

HARNESS, DICKEY & PIERCE, P.L.C.

P.O. Box 8910 Reston, VA 20195

The undersigned is empowered to sign this Change of Address on behalf of the Assignee.

Respectfully submitted,

Harness, Dickey & Pierce, P.L.C

Ву

John E. Curtin, Reg. No. 37, 602

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